



STIC Search Report

EIC 1700

STIC Database Tracking Number: 135383

TO: Helen Pezzuto
Location: REM 10A29
Art Unit : 1713
October 20, 2004

Case Serial Number: 10/667530

From: Kathleen Fuller
Location: EIC 1700
REMSSEN 4B28
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Search Notes

There were 33 structures from the query covering claim 1 and dependent claims. Only one of these structures was a polymer and when I combined the remaining structures with utility there was only one reference which also contained the one polymer. It was the applicant. I printed the remaining references which had no utility specified.

Access DB# 135383

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: HELEN PEZZUTO Examiner #: 70058 Date: 10/18/04
Art Unit: 1713 Phone Number: 302-1108 Serial Number: 10/667,530
Mail Box and Bldg/Room Location: REM-10429 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: SEE ATTACHED
Inventors (please provide full names): ↓ DOI
Pat. & T.M. Office
Earliest Priority Filing Date: 10/18/02

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

claims 1-8 are pending (monomers)
Search vinyl aromatic compound $P_2C=CH-C_6H_4-nZn$
as broadly defined in cl 1 and more narrowly
defined in dependent claims.
* see preferred structures 1-7 from spec.
(attached)
utility: optical (waveguides, filter, switches)
parts from "polymerized" monomers
(i.e. claims 9-20) THANKS!

STAFF USE ONLY

Type of Search

Vendors and cost where applicable

Searcher: <u>1713</u>	NA Sequence (#) _____	STN _____
Searcher Phone #: _____	AA Sequence (#) _____	Dialog _____
Searcher Location: _____	Structure (#) <u>1</u>	Questel/Orbit _____
Date Searcher Picked Up: _____	Bibliographic _____	Dr. Link _____
Date Completed: <u>10/18/04</u>	Litigation _____	Lexis/Nexis _____
Searcher Prep & Review Time: <u>1:30</u>	Fulltext _____	Sequence Systems _____
Clerical Prep Time: _____	Patent Family _____	WWW/Internet _____
Online Time: <u>1:30</u>	Other _____	Other (specify) _____

=> FILE REG

FILE 'REGISTRY' ENTERED AT 11:32:17 ON 20 OCT 2004
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Property values tagged with IC are from the ZIC/VINITI data file
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STRUCTURE FILE UPDATES: 19 OCT 2004 HIGHEST RN 765878-56-6
DICTIONARY FILE UPDATES: 19 OCT 2004 HIGHEST RN 765878-56-6

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
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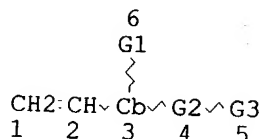
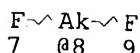
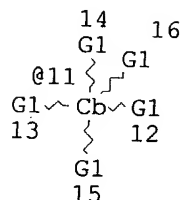
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FILE COVERS 1907 - 20 Oct 2004 VOL 141 ISS 17
FILE LAST UPDATED: 19 Oct 2004 (20041019/ED)

This file contains CAS Registry Numbers for easy and accurate
substance identification.

=> D QUE

L11 SCR 1839
L13 STR



Hy @10

VAR G1=F/CL/CF3/8
 REP G2=(0-1) Q
 VAR G3=10/11
 NODE ATTRIBUTES:
 DEFAULT MLEVEL IS ATOM
 GGCAT IS UNS AT 10
 DEFAULT ECLEVEL IS LIMITED
 ECOUNT IS M1 N AT 10

GRAPH ATTRIBUTES:
 RING(S) ARE ISOLATED OR EMBEDDED
 NUMBER OF NODES IS 16

STEREO ATTRIBUTES: NONE

L16 SCR 1968 OR 1958
 L18 SCR 970
 L20 33 SEA FILE=REGISTRY SSS FUL L13 AND L11 AND L16 AND L18
 L22 1 SEA FILE=REGISTRY ABB=ON L20 AND PMS/CI
 L23 1 SEA FILE=HCAPLUS ABB=ON L22
 L24 32 SEA FILE=REGISTRY ABB=ON L20 NOT L22
 L25 29 SEA FILE=HCAPLUS ABB=ON L24
 L26 1 SEA FILE=HCAPLUS ABB=ON L25 AND OPTIC?
 L27 1 SEA FILE=HCAPLUS ABB=ON L25 AND WAVE?
 L28 1 SEA FILE=HCAPLUS ABB=ON L26 OR L27
 L29 1 SEA FILE=HCAPLUS ABB=ON L23 OR L28

only one is a polymer

only one reference on utility

=> D L29 BIB ABS IND HITSTR

One reference for a polymer and for utility for monomers

L29 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2004 ACS on STN
 AN 2004:286761 HCAPLUS
 DN 140:304235
 TI Halogenated styrene compounds, radiation curable composition,
 low-absorption-loss polymers and their synthesis
 IN Roux, Stephane; Arnoud, Olivier; Moroni, Marc
 PA Corning Incorporated, USA
 SO Eur. Pat. Appl., 22 pp.

applicant

33 structures from this query which covers claim 1 and other claims including preferred structures